

## Product Datasheet

### Alkaline Phosphatase (ALP), Human Placental 485-10

<b>Product Name</b>	Alkaline Phosphatase (ALP), Human Placental
<b>Catalog Number</b>	485-10
<b>Alternative Names</b>	ALP, PLAP, Alk Phos
<b>Brand</b>	Lee Biosolutions
<b>Form/Appearance</b>	Lyophilized
<b>Concentration</b>	≥ 0.1 mg protein/mg (Coomassie)
<b>Storage</b>	-20 °C
<b>Purity</b>	Purified
<b>CAS Number</b>	9001-78-9
<b>Source</b>	Human Placenta
<b>Buffer</b>	Lyophilized from Tris chloride, magnesium chloride, and zinc chloride, pH 7.4
<b>Specificity</b>	Tumor Marker, seminoma, ovarian cancer
<b>Shelf Life</b>	3 years
<b>Biological Activity</b>	≥ 10 U/mg (Dimension® Clinical Chemistry System)
<b>Specific Activity</b>	Reported in U/mg protein
<b>Unit Definition</b>	One unit will catalyze the hydrolysis of one micromole of p-nitrophenyl phosphate (p-NPP) per minute at 37°C and pH 10.25 in the presence of 2-amino-2methyl-1-propanol (AMP).